

## PUBLIC NOTICE

**PERMIT APPLICATION:** NRS 08.289

**APPLICANT:** Tennessee Department of Transportation  
Environmental Division  
Attn: Anthony R. Myers  
Suite 900, J.K. Polk Building  
505 Deaderick St.  
Nashville, TN 37243  
615-532-9945

**LOCATION:** The proposed alterations are located along a segment of SR-373 (Mooresville Hwy.) from I-65 to SR-417 in Marshall County.

**WATERSHED DESCRIPTION:** The proposed alterations would impact the following streams and/or wetlands. All the streams and/or wetlands are located in the Upper Duck River Watershed (HUC 06040002). Land use in the immediate area is predominately residential.

**East Fork Globe Creek**

ID # TN06040002002\_0310

Designated Use

Fish and Aquatic Life

Recreation

Livestock Watering &

Wildlife

Irrigation

Special Designation

None

**Unnamed tributaries to East Fork Globe Creek**

ID # No ID#

Designated Use

Fish and Aquatic Life

Recreation

Livestock Watering &

Wildlife

Irrigation

Special Designation

None

Use Support

Not Supporting

Not Supporting

Fully Supporting

Fully Supporting

**Doggett Branch**

ID # No ID#

Designated Use

Fish and Aquatic Life

Recreation

Livestock Watering &

Wildlife

Irrigation

Special Designation

None

**Wetlands**

Description

Black willow, cattails, juncus sp., and rubus sp

Special Designation

None

Use Support

Not Assessed

Not Assessed

Not Assessed

Not Assessed

**PROJECT PURPOSE:** According to the applicant, the alterations are needed in order to improve SR-373 for public safety and increase capacity.

**PROJECT DESCRIPTION:** The SR-373 improvements would result in several alterations to stream and wetlands. Those alterations are listed below.

Site #1, 35.4476°N -86.8694°W, East Fork Globe Creek

Proposed is two 30 inch reinforced concrete pipes (RCP) and a 24 inch RCP as outfall structures for stormwater.

Site #2, 35.4476°N -86.8694°W, Unnamed tributary to East Fork Globe Creek

- Existing is a 5 ft. by 4 ft. of culvert to be removed. Proposed is 106 ft. of 10 ft. by 5 ft. box culvert with 30 ft. of riprap scour protection
- Site #3, 35.4494°N -86.8606°W, Doggett Branch  
Existing is 55 ft. of bridge to be removed. Proposed is 80 ft. of 2-span bridge with 160 ft. of riprap along the east and west abutments for slope stability.
- Site #4, 35.4497°N -86.8548°W, Unnamed tributary to East Fork Globe Creek  
Existing is 58 ft. of 4 ft. by 4ft. of box culvert (to be removed) and 277 ft. of open stream. Proposed is 50 ft. of open stream, 223 ft. of 4 ft. by 4 ft. box culvert, and 25 ft. of riprap scour protection. For the 37 ft. of stream loss and 223 ft. of encapsulation the applicant proposes a payment of \$52,000.00 to the Tennessee Stream Mitigation Program (TSMP).
- Site #5, 35.4510°N -86.8501°W, East Fork Globe Creek  
Existing is 8 ft. by 6ft. of box culvert (to be removed and trees planted in the area). Proposed is a 60 ft. of 3-barrel culvert (each barrel will be 18 ft. by 16 ft.).
- Site #6, 35.4511°N -86.8497°W, East Fork Globe Creek  
Existing is 255 ft. of open stream and 55 ft. of bridge. Proposed is 30 ft. of open stream and 208 ft. of 3-barrel slab culvert (each barrel would be 18 ft. x 16 ft.). For the 72 ft. of stream loss and 208 ft. of culvert the applicant proposes a payment of \$56,000.00 to the TSMP.
- Site #7, 35.4515°N, -86.8455°W, Unnamed tributary to East Fork Globe Creek  
Existing is a 8 ft. x 4 ft. box culvert to be removed. Proposed is 128 ft. of 12 ft. x 4 ft. box culvert with 25 ft. of riprap scour protection.
- Site #8, 35.4515°N -86.8455°W, Unnamed tributary to East Fork Globe Creek  
Existing is 230 ft. of open stream and 50 ft. of 8 ft. x 6 ft. box culvert (to be removed). Proposed is a total of 128 ft. of open stream. 30 ft. of riprap scour protection and 170 ft. of 10 ft. x 6 ft. box culvert.
- Site #9, 35.4545°N -86.8287, Wetlands  
Proposed is a total of 0.093 ac. of temporary impact, 0.123 ac. of permanent impact, and two 36 in. RCP with riprap apron as an outfall structure. The permanent impacts would be mitigated for by debiting, at a 2:1 ratio, 0.246 ac. of available credits from the Harpeth River Wetland Bank.
- Site #10, 35.4533°N, -86.8329°W, Wetland  
Proposed is the installation of a utility anchor.
- Site #11, 35.4533°N, -86.8329°W, unnamed tributary to East Fork Globe Creek  
Existing is 45 ft. of open stream. Proposed is 22 ft. of 18-inch side drain for a private drive and 102 ft. of constructed channel.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activities at sites #4 and #6 will result in degradation to water quality.

**USGS TOPOGRAPHIC QUADRANGLE:** Lewisburg, TN (65-NE)

**PERMIT COORDINATOR:** Trent Thomas

**COMMENTING ON NOTICE:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below.

**REQUESTING A HEARING:** Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues

being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below.

**REVIEWING THE APPLICATION FILE:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

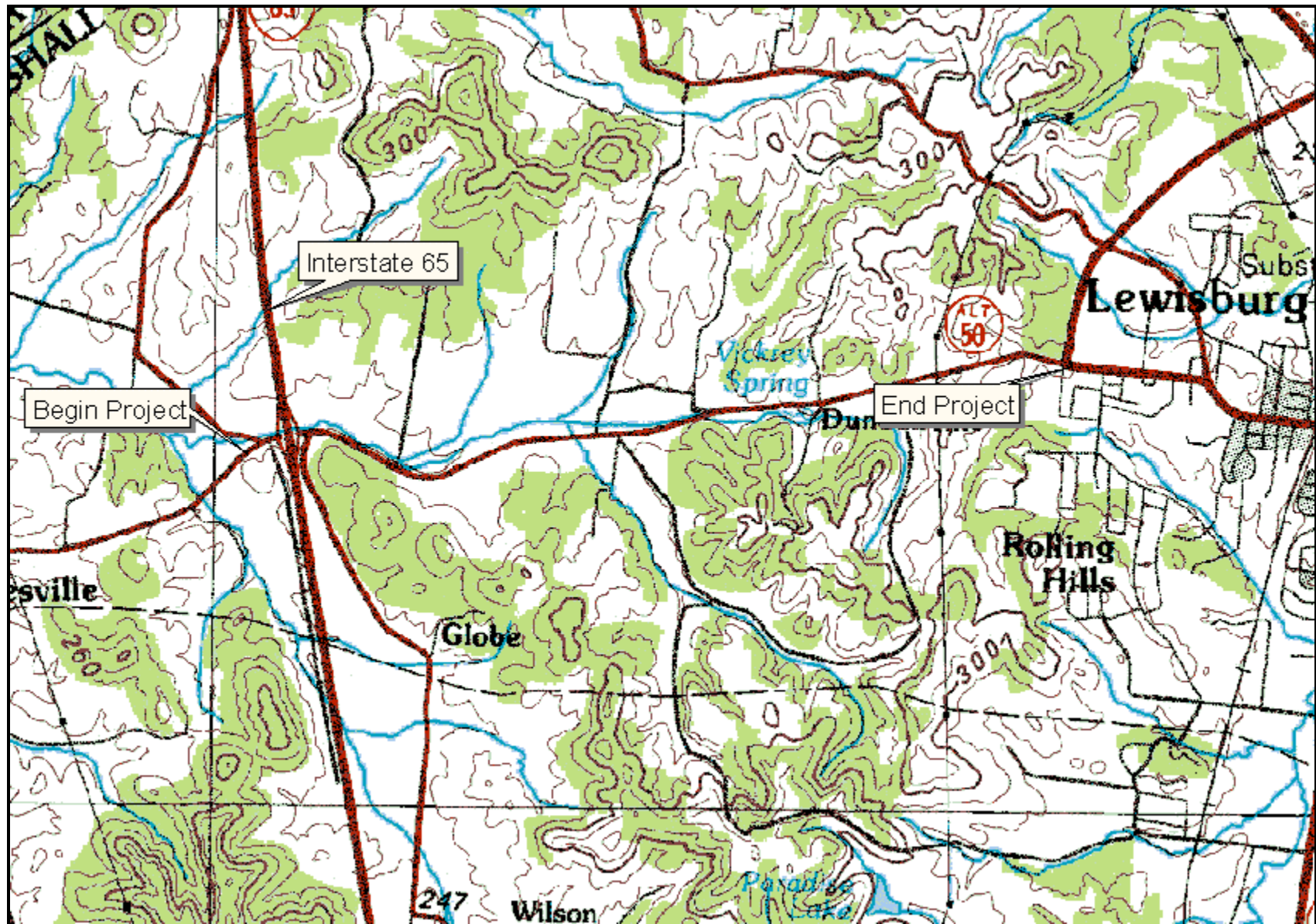


Figure 1: Project Limits

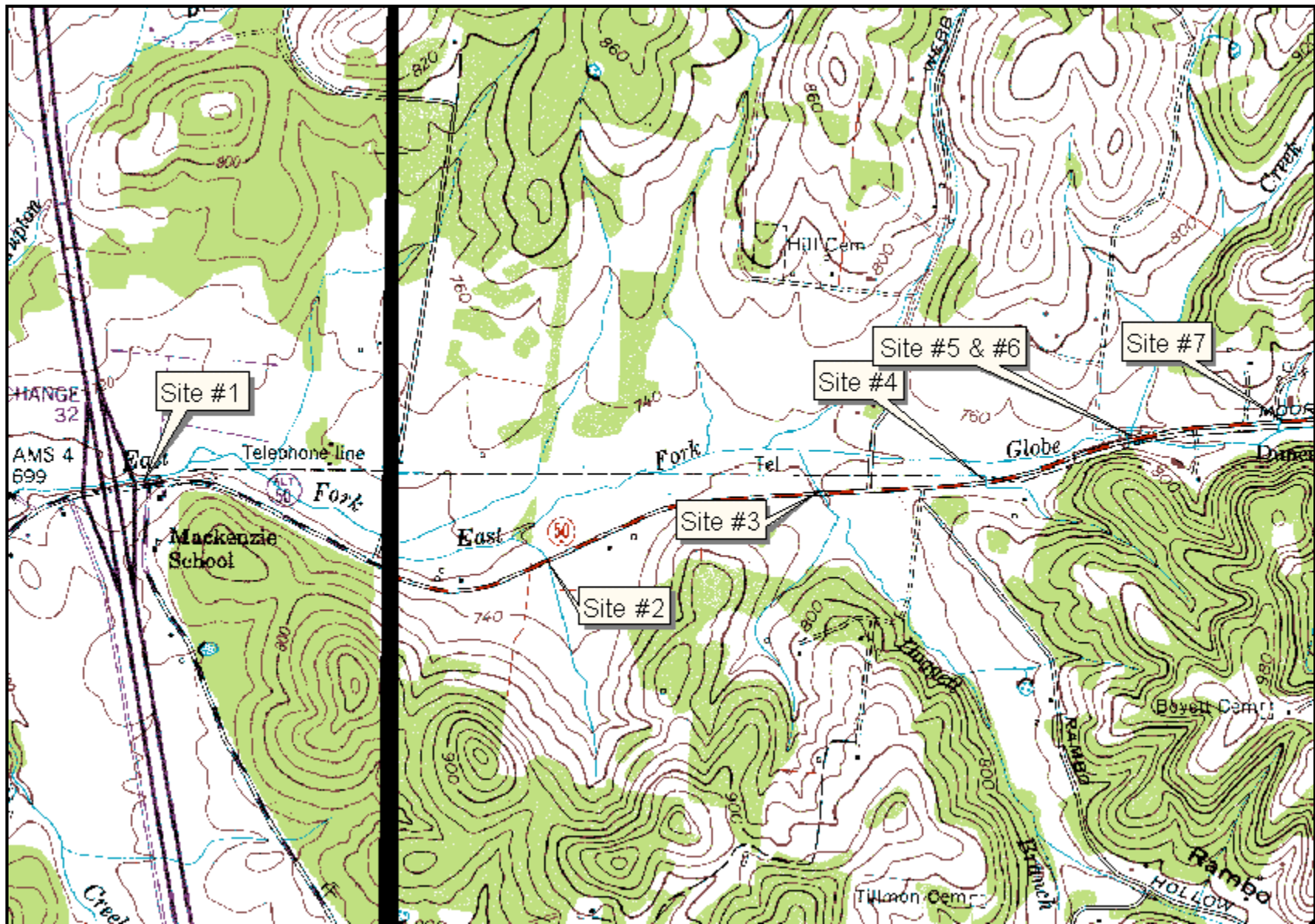


Figure 2: Site locations



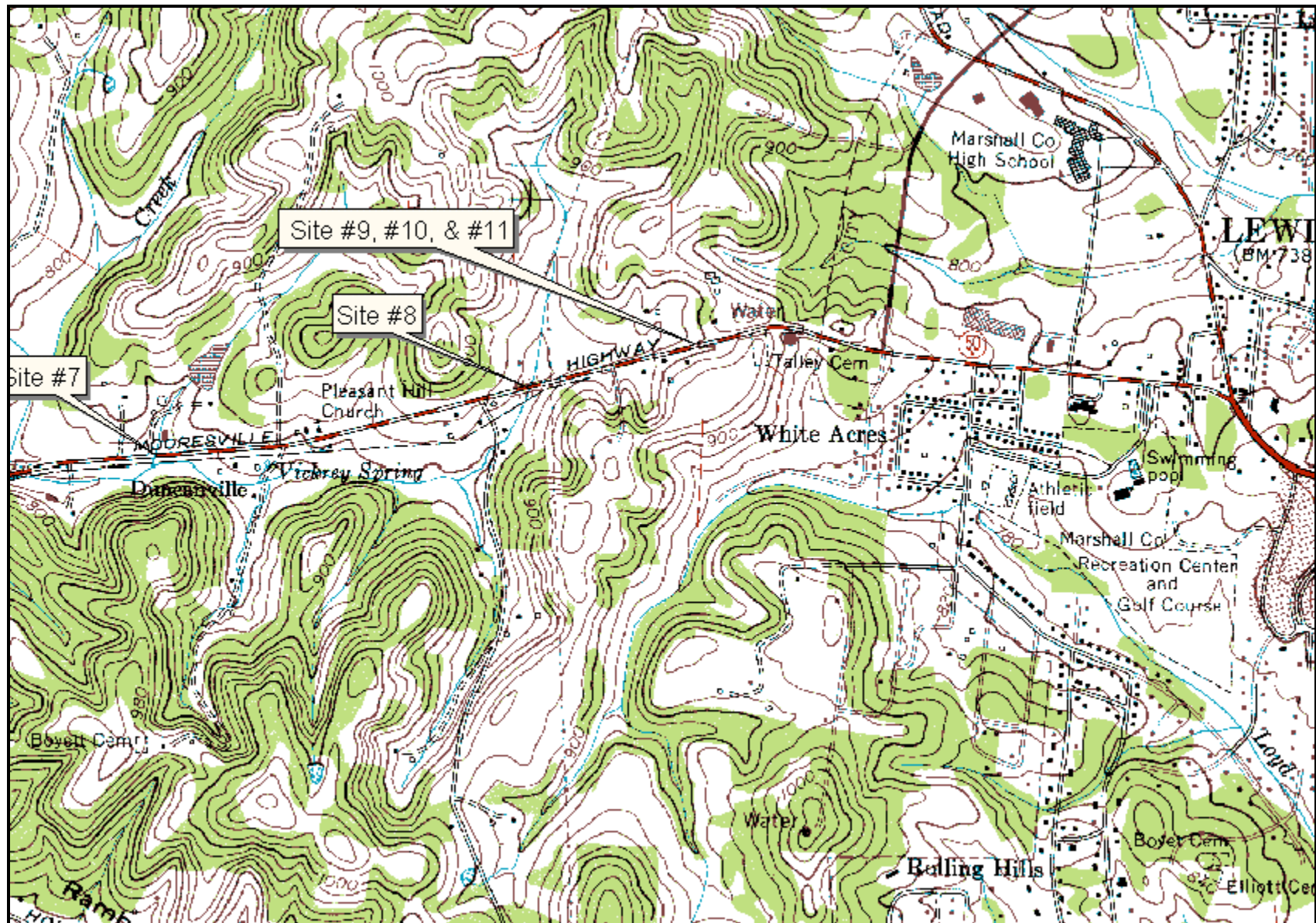


Figure 3: Site locations continued